Rome awards $21.5M contract to Boeing Satellite Systems

by Fran Crumb, Information Directorate

ROME, N.Y. — The Air Force Research Laboratory has awarded a $21,134,625 contract to Boeing Satellite Systems Inc. of El Segundo, Calif.

The 31-month agreement, "Architecture Enhanced Space Based Radar On-Board Processor," provides for design and delivery of a space-qualifiable, open architecture on-board digital signal processor.

"Boeing engineers will be developing a space-qualified Space Based Radar on-board processor," said John Rooks, AESOP technical leader with the AFRL Information Directorate's Information Technology Division. "The proposed processor is based on a space-qualified processor developed for a commercial satellite program, and a high-performance, real-time processor developed by Information Directorate engineers," said Rooks. "It will provide real-time processing of a very high quantity of radar returns into useful data products, such as moving target indications and images of the surface of the earth."

Boeing Satellite Systems is the prime contractor, with ITT Industries and IBM as subcontractors. AFRL is contributing to the processing architecture trade-offs and the processor verification.

Dr. Mark Davis of the Sensors Directorate at the AFRL Rome Research Site is the AFRL SBR Lead and James Perretta of the Sensors Directorate is serving as the AESOP program manager.

The agreement was negotiated by Kathleen A. Woodard of the Information Directorate's Contract Division. @